

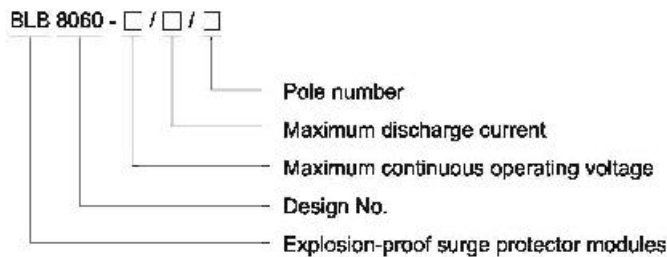


Components for Distribution Boxes

BLB8060 Series Explosion-proof Surge Protector Modules

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Product of flame-proof structure; the cavity is of engineering plastic embedded with high strength metal frame structure; with strong corrosion-resistance capacity and reliable performance.

Catalogue number logic



Technical data

Explosion-proof surge protector modules BLB8060 - □ / □ / □

Explosion protection	⊕ II 2 G Ex de IIC Gb
Certificates	DNV 13 ATEX____; IECEX; PCEC (China)
Conformity to standards	EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007 IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-7:2006
Enclosure material	GRP (glass fibre-reinforced polyester resin, embedded with metal frame)
Maximum continuous operating voltage U_c	385V (275V, 320V, 420V, 485V, 550V optional)
Maximum discharge current	10kA, 20kA, 40kA, 60kA, 120kA
Nominal discharge current	5kA, 10kA, 20kA, 30kA, 80kA
Operation frequency	50/60Hz
Pole number	1P, 2P, 3P, 4P
Ambient temperature	-20°C~+60°C

Zones 1&2; 21&22

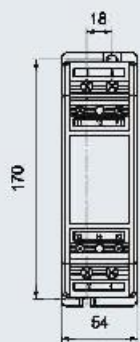
Components for Distribution Boxes
BLB8060 Series Explosion-proof Surge Protector Modules

Selection table

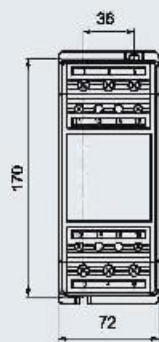
Type	Maximum continuous operating voltage Uc (V)	Maximum discharge current (kA)	Nominal discharge current (kA)	Schematic diagram
BLB8080 - □/ □/1	385V (275V, 320V, 420V, 485V, 550V optional)	10	5	
		20	10	
		40	20	
		60	30	
		120	60	
BLB8060 - □/ □/1+N		10	5	
		20	10	
		40	20	
		60	30	
		120	60	
BLB8080 - □/ □/2		10	5	
		20	10	
		40	20	
		60	30	
		120	60	
BLB8080 - □/ □/3		10	5	
		20	10	
		40	20	
		60	30	
		120	60	
BLB8060 - □/ □/3+N	10	5		
	20	10		
	40	20		
	60	30		
	120	60		
BLB8060 - □/ □/4	10	5		
	20	10		
	40	20		
	60	30		
	120	60		



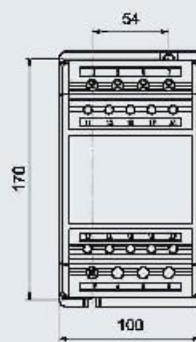
Dimension drawings (all dimensions in mm) - subject to alteration



BLB8060-□/□/1
BLB8060-□/□/2



BLB8060-□/□/3



BLB8060-□/□/4

